

Application No.: 10/524310
Docket No.: HT3930USPCT

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Amendments to Specification

On page 2, line 31 to page 3, line 12, amend the paragraph as follows:

Now, it has been surprisingly found that the above mentioned problems can be overcome by a heat, flame, and electric arc resistant fabric for use as single or outer layer of protective garments, comprising at least two separate single plies each having a warp and a weft system, the at least two separate single plies being assembled together at predefined positions so as to build pockets, the warp and the weft systems of the at least two separate single plies being based on materials independently chosen from the group consisting of aramid fibers and filaments, polybenzimidazol fibers and filaments, ~~polyamidimid-fibers~~ polyamideimide and filaments, ~~poly(paraphenylene~~ paraphenylene benzobisaxazole) fibers and filaments, phenol-formaldehyde fibers and filaments, melamine fibers and filaments, natural fibers and filaments, synthetic fibers and filaments, artificial fibers and filaments, glass fibers and filaments, carbon fibers and filaments, metal fibers and filaments, and composites thereof.

On page 4, line 30 to page 5, line 7, amend the paragraph as follows:

Aramid fibers and filaments suitable for the manufacture of the fabric of the present invention can have various physical and chemical properties in accordance with the specific application of the fabric itself. Typically, the aramid fibers and filaments can be selected from the group consisting of poly-m-phenylenisophthalamid (meta-aramid), poly-p-~~phenyleneterephthalamid~~ phenyleneterephthalamid (para-aramid) and mixtures thereof. Commercially available meta-aramid and para-aramid fibers and filaments are available for example under the trade marks NOMEX® and KEVLAR®, respectively, from E.I. du Pont de Nemours and Company, Wilmington, Delaware, U.S.A.

On page 5, lines 17-27, amend the paragraph as follows:

Typically, each single ply (2,3) of the fabric (1) of the present invention will include large amounts of fibers and filaments of materials having good thermal properties such as aramid, polybenzimidazol, ~~polyamidimid~~ polyamideimid, ~~poly(paraphenylene~~ paraphenylene benzobisaxazole), phenol-formaldehyde and melamine. However, for certain specific applications, it is appropriate to have one or more plies substantially made with materials like the natural, artificial and synthetic materials mentioned above. For protection

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against molten metal, for example, the fabric ply which will be directly in contact with the hot metal can advantageously include high amounts (up to 100 wt-%) of wool and viscose in order to create a gliding surface preventing the hot metal particles from sticking thereon.

On page 9, line 31 to page 10, line 4 amend the paragraph as follows:

Preferably, the fabric is made of two separate single plies comprising ~~poly-p-phenyleneterephtalamid~~ poly-p-phenyleneterephtalamid, the internally positioned ply comprising at least the same amount of ~~poly-p-phenyleneterephtalamid~~ poly-p-phenyleneterephtalamid as the externally positioned ply. For some applications, in order to confer to the garment elevated mechanical properties, the internally positioned ply is entirely made of poly-p-phenyleneterephtalamid.